

Llanelly Rural District Council

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# Annual Report

*of the*

Medical Officer of Health

*for the*

Year Ending 31st December, 1946

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LLANELLY:

Printed at the "Mercury" Offices, 42-44, Market Street.

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1947



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## PUBLIC HEALTH STAFF.

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Medical Officer of Health (Part Time) :

\*D. C. EVANS, M.R.C.S. (Eng.), L.R.C.P. (London).

Four Whole-time Sanitary Inspectors :

1. \*T. MYRON GRIFFITHS, A.R.S.I.

Date and nature of qualifications :

- A. Sanitary Inspector, Royal Sanitary Institute, 1925.
- B. Meat and other Foods, 1928.

2. \*D. E. JONES, M.S.I.A.

Date and nature of qualifications :

- A. Sanitary Inspector, Royal Sanitary Institute, 1906.
- B. Master Plumber Certificate, 1906.
- C. Meat and other Foods, 1944.

3. \*D. I. TREHARNE, M.R.San.I.

Date and nature of qualifications :

- A. Sanitary Inspector, Royal Sanitary Institute, 1923.
- B. Sanitary Science and Law, Sanitary Training College, 1921.
- C. Building Construction, County Technical School, 1921.
- D. Meat and other Foods, 1943.

4. \*T. J. BIBBS, A.R.S.I.

Date and nature of qualifications :

- A. Sanitary Inspector, Royal Sanitary Institute, 1935.
- B. Meat and other Foods Inspector, Royal Sanitary Institute.
- C. Certificate of the Royal Sanitary Institute in General Hygiene and Sanitation.

Chief Clerk :

W. O. G. RODERICK.

Clerk :

D. T. REES.

Temporary Clerks :

Miss R. L. LEWIS.

G. J. C. EVANS.

\* Salary Contribution by Exchequer.

# Llanelly Rural District Council.

## Annual Report of the Medical Officer of Health for the Year ending 31st December, 1946.

Castle Buildings,  
Llanelly,  
1947.

Mr. Chairman and Gentlemen,

As directed by the Ministry of Health in a Memorandum to Medical Officers of Health, I have the honour to submit to you my Report on the Sanitary state of the District under your supervision during the year 1946.

**Population.**—The population at the last census (April, 1931) was 37,266. According to the Registrar-General's Report, the population for mid-1946 was 34,710, and this last figure is used as a basis in all Tables, etc., in this Report.

It will be observed that there is a reduction of 2,556 persons, as compared with the census of 1931.

No. of Inhabited Houses in 1931 was	.....	.....	7978
No. of Inhabited Houses in 1946 was	.....	.....	8840

The Rateable Value of the district in April, 1946, was £112,037 and the nett product of a penny rate for the year ended 31st March, 1946, was £504.

### STATISTICS.

Birth Rate : 16.8 per 1,000 estimated civilian population.

Still-birth Rate : 23.91 per 1,000 total live and still-births.

Death Rate : 12.24 per 1,000 estimated civilian population.

Deaths from puerperal causes (Headings 29 and 30 of the Registrar-General's Short List):—

	Deaths.	Rate per 1,000 total (live and still) births.
No. 29—Puerperal sepsis	—	—
No. 30—Other puerperal causes	3	5.14
	<hr/> 3	<hr/> 5.14

Death rate of infants under one year :—

All infants per 1,000 live births	.....	.....	63.41
Legitimate infants per 1,000 legitimate births	.....	.....	59.70
Illegitimate infants per 1,000 illegitimate births	.....	.....	90.90



Deaths from Cancer (all ages)	.....	.....	.....	51
„ „ Measles (all ages)	.....	.....	.....	—
„ „ Whooping Cough (all ages)	.....	.....	.....	1
„ „ Diarrhoea (under 2 years)	.....	.....	.....	3

For comparison the birth and death rates for England and Wales were respectively 16.1 and 11.4 per 1,000 civilian population. The still-birth rate for England and Wales was 0.46 per 1,000 civilian population.

## SECTION BI. (11).

### GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

#### (a) Laboratory Facilities.

See under heading “ Infectious Diseases ” generally.

#### (b) Ambulance Facilities.

- (1) For infectious cases. Only by special arrangement with County Isolation Hospital.
- (2) For non-infectious cases and accidents. Ample provision throughout the district by arrangement with St. John's Ambulance Association (Priory of Wales).

#### (c) Nursing in the Home.

- (1) This is partly provided by private Associations and partly by the County Council. The former are assisted by the Carmarthenshire Nursing Association and also the Ministry of Health.
- (2) For infectious diseases. In cases of necessity, this is provided by the Local Authority.

#### (d) Clinics and Treatment Centres.

- (1) Maternity and Child Welfare Centres—Provided by the County Council.
- (2) Day Nurseries and School Clinics—None.
- (3) Orthopaedic Clinics—Provided by the County Council.
- (4) Artificial Light Clinics—None.
- (5) Tuberculosis Dispensaries and Visiting Stations—Supplied by the Welsh National Memorial Association, the nearest Station being Bay View, Capel Rd., Llanelly.
- (6) Treatment Centre for Venereal Diseases—Swansea General Hospital, by arrangements with the County Council.

(e) **Hospitals—Public and Voluntary.**

- (1) **Fever**—The Council is dependent upon the Carmarthen-shire County Council for Hospital treatment of all cases of infectious diseases, which Hospital is situated at Llwyncwtta, Llannon, within the Rural Area.  
During the year, the number of cases so admitted was 63.  
The cost of treatment is borne by the County Council.
  - (2) **Smallpox**—No hospital available.
  - (3) **Tuberculosis**—Hospitals and Sanatoria are provided by the Welsh National Memorial Association, subsidized by the County Council.
  - (4) **Maternity**
  - (5) **Children**
  - (6) **Orthopaedic**
- } In the absence of Hospital accommodation, surgical cases are treated principally in the Swansea, Llanelly and Carmarthen General Hospitals.

The only other accommodation available is the Poor Law Institution, Llanelly, where unmarried mothers, illegitimate infants and homeless children are admitted.

**SECTION C.**

**SANITARY CIRCUMSTANCES OF THE AREA.**

**WATER SUPPLY.**

**Source of Supply.**—See Annual Report for 1938.

The Council are under an obligation to supply 680,000 gallons of water per day as Compensation Water to the River Towy Fishery Board under the Llanelly Rural District Water Act, 1912.

Total consumption of water for past 10 years as follows:—

1937	.....	.....	566,630,000	gallons.
1938	.....	.....	516,670,000	„
1939	.....	.....	613,510,000	„
1940	.....	.....	614,980,000	„
1941	.....	.....	607,560,000	„
1942	.....	.....	624,010,000	„
1943	.....	.....	624,100,000	„
1944	.....	.....	641,670,000	„
1945	.....	.....	644,300,000	„
1946	.....	.....	626,300,000	„
			<hr/>	
Total consumption for 10 years	.....		6,079,730,000	„
Average consumption per annum	.....		607,973,000	„
The average consumption per annum				
for Trades purposes during the				
last 10 years was				
	.....		365,637,000	„
So that the average consumption per				
annum for Domestic purposes was				
			242,336,000	„
or 630,584 gallons per day.				



The number of houses supplied is roughly 5,233, and taking an average of 5.6 persons per house, the population supplied would be approximately 29,305. On this basis the average consumption per head per day would be 22.55 gallons approximately.

### RAINFALL.

I append records of rainfall as measured at Llynnyfan Waterworks and Cwmlledi Waterworks during the year, and am indebted to Mr. D. C. Samuel, your Engineer, and to Mr. A. B. Richards, the Borough Surveyor of Llanelly, for these records :—

1946	Month.	Llynnyfan Inches.	Cwmlledi Inches.
	January .....	15.62	5.15
	February .....	6.61	4.22
	March .....	4.54	1.52
	April .....	2.72	1.48
	May .....	4.25	3.12
	June .....	10.24	6.23
	July .....	5.12	2.90
	August .....	13.50	7.19
	September .....	16.68	9.12
	October .....	3.13	3.83
	November .....	18.51	9.23
	December .....	10.17	5.74
	Totals.....	111.07	59.73

The water supply of the area has been satisfactory in quality and quantity, and the water is not liable to have plumbo solvent action.

One sample of water from the Waterworks was submitted to the Public Analyst during the year.

The reports of the analyst on this sample is appended :—  
Filtered and Chlorinated.

Date of Sample : 30th August, 1946. Vicarage, Llanddeusant

No. of Organisms per cc. developed on Agar during  
48 hours at 37 deg. C. .... 1

No. of Organisms per cc. developed on Agar during  
48 hours at 22 deg. C. .... 5

Coliform Organisms per 100 ccs. .... Nil

Faecal Coli per 100 ccs. .... Nil

**Remarks.**—The Bacteriological condition of this sample was highly satisfactory.

## RIVERS AND STREAMS.

There has been no appreciable change in the condition as outlined in my previous reports.

### Closet Accommodation.

Number of open midden privies.....	Nil
„ abolished during the year .....	Nil
„ of covered midden privies .....	Nil
„ abolished during the year .....	Nil
„ of pail closets.....	4323
„ constructed during the year .....	Nil
„ of W.C.'s .....	4538
„ constructed during the year .....	36

### Scavenging.

For details of Scavenging arrangements, please refer to Annual Report for 1938.

### Sanitary Inspection of the Area.

Total number of inspections made in 1946 .....	5,963
Number of informal notices served .....	144
Number complied with wholly .....	137
„ „ „ partially .....	64
	201
Number of Statutory notices served .....	10
Number complied with wholly .....	2
„ „ „ partially .....	3
	5
Number of legal proceedings taken .....	Nil

**Premises and Occupations which can be controlled by Bye-Laws or Regulations.**—Inspections were made regularly.

**Other Sanitary Conditions requiring Notice.**—Nil.

### Eradication of Bed Bugs.

Houses inspected during the year have generally been free from vermin. Action was found necessary in five cases only. All the houses were privately owned.

The treatment applied included the removal of woodwork, and spraying with “Zaldecide.” This treatment was effective.

**Schools.**—See previous report.

**Health Education.**—Child Welfare Clinics and Antenatal Work under the direction of the County Council.

**Rag Flock Acts. 1911 and 1928.**—No premises in the district

## SECTION D.

**HOUSING.****1. Inspection of Dwelling-Houses during the year:**

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) .....	3913
(b) Number of Inspections for the purpose .....	4456
(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 .....	3841
(b) Number of Inspections made for the purpose .....	3841
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation .....	243
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation .....	2801

**2. Remedy of defects during the year without service of formal Notices:**

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers :

(a) Completed .....	83
(b) Partially Completed .....	62
	—
	145

**3. Action under Statutory Powers during the year:**

(a) Proceedings under sections 9, 10, and 16 of the Housing Act, 1936 :

(1) Number of dwelling-houses in respect of which notices were served requiring repairs .....	Nil
(2) Number of dwelling-houses which were repaired after service of formal notices :	
(a) By Owners .....	Nil
(b) By Local Authority in default of Owners .....	Nil
	—
	Nil



(b) Proceedings under Public Health Acts :			
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	.....	.....	8
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :			
(a) By Owners—			
Completed	.....	.....	Nil
Partially completed	.....	.....	3
			3
(b) By Local Authority in default of Owners			
	.....	.....	Nil
(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936 :			
(1) Number of dwelling-houses in respect of which Demolition Orders were made	.....	.....	Nil
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	.....	.....	1
(d) Proceedings under Section 12 of the Housing Act, 1936 :			
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	.....	.....	Nil
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenements or rooms having been rendered fit	.....	.....	Nil

### RURAL HOUSING SURVEY.

In accordance with the terms of Circular 64/44 Wales, the establishment of a Joint County Committee on Rural Housing was duly effected for the County of Carmarthen, and after the Joint Committee and its Technical Sub-Committee had considered procedure, adoption of standards of fitness and the conduct of the Survey generally, each local authority was asked to carry out the Survey as expeditiously as possible.

Owing to the shortage of skilled technical assistants, the Council appointed six laymen to assist in the work, who, after an initial period of training, were able to proceed with the inspections under the supervision of the Sanitary Inspectors.

Work was commenced on the 23rd April, 1945, and the classification and tabulation of the findings was proceeded with week by week as the survey progressed.

An interim statement of the progress made included in last year's report.

The survey was completed on the 30th July, 1946, and the final figures are herein appended.



# FINAL REPORT ON RURAL HOUSING SURVEY.

Period April, 1945 to July, 1946.

Parish or Ward.	No. of Houses Inspec- ted.	Category.					Overcrowding.		No. of Families per House.				Principal reasons for low category.			
		Satis- factory. (1)	Minor Defects. (2)	Repair and Improve- ment. (3)	Rural Hous- ing. (4)	Unfit. (5).	Actual.	Future.	1	2	3	4	struc- tural.	Drain- age.	Water.	Absence of Bath.
Tycroes	461	50	33	327	35	16	5	2	429	31	1	....	105	215	....	58
Pontyberem	735	150	96	477	5	7	5	9	671	61	2	....	324	32	14	119
Hendy	549	64	52	413	10	10	11	6	494	54	1	....	54	278	66	35
Tumble	891	214	122	539	4	12	16	17	806	79	4	....	280	97	18	160
Pwll	392	49	76	228	3	36	8	3	351	39	1	....	72	7	....	188
Hengoed	856	113	196	482	12	53	8	5	773	80	3	....	105	51	4	387
Westfa	1363	529	288	417	109	20	15	22	1215	132	11	....	214	32	1	299
Glyn	419	6	19	357	5	32	10	2	397	21	1	....	59	120	....	215
Pembrey	428	8	93	256	9	62	7	5	408	19	....	....	79	174	....	74
Crosshands	318	67	35	211	2	3	11	4	259	53	6	....	40	102	4	70
Trimsaran	577	34	61	422	1	59	15	14	548	27	2	....	64	211	5	202
Llangennech	664	82	68	386	50	78	15	12	612	50	2	....	173	61	9	271
	8653	1507	1308	5036	352	450	156	120	7892	715	38	....	1793	1459	129	2457
Percentage	....	17.41	15.15	58.18	4.06	5.20	1.80	1.30								

Taking the lower categories together, viz. :—

Category 3	.....	.....	5036 Houses.
„ 4	.....	.....	352 „
„ 5	.....	.....	450 „

We have a total of	.....	5838
--------------------	-------	------

Of this total, the principal reasons for the low category is accounted for as follows :—

(a) Houses requiring structural repairs and improvements, including provision of drainage facilities, washing facilities, provision of bath, improvement of bad internal planning, &c. ....	1793
(b) Houses which, although sound structurally, fall short of standard solely owing to lack of amenities :—	
(1) Absence of drainage facilities .....	1459
(2) Absence of Water Supply under pressure .....	129
(3) Absence of bath .....	2457
	———— 4045
	5838

At the foot of the Summary is shown the percentage of :—

- (1) Houses coming within each category.
- (2) Actual Overcrowding at time of Survey.
- (3) Future Overcrowding after return of members of families from Service in H.M. Forces.
- (4) Houses occupied by 1, 2 and 3 families.

The statement gives a fairly comprehensive picture of the housing conditions of the area covered by the survey.

The number of houses owned by the Council is 638, which are distributed as follows :—

**Built under Housing Act, 1919.**

Llanelly Parish	.....	.....	.....	54
Llannon Parish	.....	.....	.....	44
Llanedy Parish	.....	.....	.....	36
Pembrey Parish	.....	.....	.....	19
Pontyberem Parish	.....	.....	.....	40
The number of houses of the Parlour type is	.....			175
do. do. Non-Parlour type is	.....			18
				———— 193

**Built under Housing Acts, 1930-38.**

*†Llanelly Rural	.....	.....	.....	230
Llannon	.....	.....	.....	49
Llanedy	.....	.....	.....	23
*Pembrey	.....	.....	.....	29
*Llangennech	.....	.....	.....	56
Pontyberem	.....	.....	.....	58
				— 427

\* Two houses were erected in each of these Parishes in 1944 for occupation by Agricultural Workers.

† Eighteen houses completed during the year as the first instalment of the Post-war Programme, and were let to families from overcrowded houses.

**Old Military Camp.**

The camps at the Llangennech Park and the Old Harbour, Pembrey, have been occupied by Squatters. With the approval of the Welsh Board of Health repairs were carried out to the huts and essential services provided for the occupants.

The number of families in occupation being :—

Llangennech	.....	.....	.....	23
Pembrey	.....	.....	.....	20

**Housing of Persons Inadequately Housed.**

In pursuance of powers under Regulation 17 of the Defence (General Regulations), 1939, Circular 2845, 25 houses have been requisitioned and 42 families have been accommodated therein.

**SECTION E.****INSPECTION AND SUPERVISION OF FOOD.****MILK SUPPLY.**

Administration of the Milk and Dairies Order, 1926, and the Milk (Special Designations) Order, 1936.

Inspections of dairies and cowsheds were systematically carried out throughout the year, the total number of such inspections being 391.

The number of samples taken during the year for bacteriological examination was 771, of which 687 were taken under the National Milk Testing Scheme.

This figure does not include samples taken from producers in the district by the County Council and the Borough Council.



The report of the Analyst compares very favourably with those of the samples submitted in previous years. The producers of the unsatisfactory milks are regularly followed up and the Sanitary Inspectors have closely co-operated with the Milk Advisory Officers of the Ministry of Agriculture and Fisheries Department at Carmarthen to encourage such producers to promote and maintain conditions for producing clean milk.

I indicated in my report last year that West Wales was noted for its clean herds, and that tuberculosis amongst milching herd has been practically eradicated. Progress in this direction is being maintained, and although Cardiganshire has the highest percentage of attested herds, the County of Carmarthen are top scorers in the number of herds attested.

The high standard of the Cowshed and Dairies in the Llanelly Rural District Council's Administrative Area is generally acknowledged, and notwithstanding the exceptional difficulties experienced with the supply of essential materials and labour, good progress has this year again been made with renovations and repairs to unsatisfactory premises.

Despite the improvements carried out to a large number of buildings, and the constant supervision exercised by the Sanitary Inspectors, the number of unsatisfactory samples of milk is still too high. This can partly be explained by the lack of skilled labour on milk-producing farms.

The skilled labour problem seems to me to be becoming more acute, and to reduce the handicap thereby imposed upon the farmer to produce clean milk, it is imperative that the traditional methods and the old-fashioned type of utensils will have to be reviewed in the light of present day requirements. To obtain the desired object of 100 per cent. clean milk, it is necessary that labour-saving buildings be designed, equipments and utensils modernised for the storage of milk and its transport to the consumer. For this purpose, it is one of the essential factors that a cheap and adequate supply of electricity be made available to all milk producing farms.

The present system of paying the farmers a subsidy for producing T.T. milk and, then, to mix it with milk from unattested herds before it reaches the consumer, is to be deplored. The practice defeats the whole object of supplying the demands of an educated public for clean and wholesome milk.

Regular inspections were made of all Meat Shops and Butchers' Vans, etc.

The total number of Inspections made during the year were as follows :—

Meat Shops	1572
Meat Vans	302
Fish and Rabbit Vans, etc.	62
Miscellaneous Unsound Food Inspections	116



## SUMMARY OF FOODSTUFFS CONDEMNED YEAR ENDED 31st DECEMBER, 1946.

Items.	Total.
Bacon .....	120 lbs.
Tinned Meat .....	20 lbs.
Liver .....	7 lbs.
Tinned Fish .....	17 lbs.
Kippers .....	28 lbs.
Tinned Vegetables .....	56½ lbs.
Sack of Oats .....	55 lbs.
Rice .....	26 lbs.
Flour .....	12 lbs.
6 Tins Evaporated Milk .....	6 lbs.
36 Tins Mustard .....	4½ lbs.
9 Bags of Flour .....	27 lbs.
Cheese .....	3½ lbs.
Beef .....	25 lbs.

### RODENT CONTROL.

#### Rats and Mice Destruction Act, 1919.

The Council are operating the Ministry of Food Scheme for Rodent Control, one full time operative being engaged. In accordance with the Ministry of Food (Infestation Branch) Scheme N.S. 12, six men were engaged on a temporary basis to carry out the provisions of the Scheme and commenced work on 14th October, 1946.

The number of treatments carried out to the end of the year was 345, and the estimated number of rats destroyed during the same period in accordance with the formula laid down by the Ministry of Food was 9,506.

### PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES.

#### Infectious Diseases Generally.

Table No. 1 shows the number of Diphtheria, Scarlatina, and Enteric Fever cases recorded in the District for the last 40 years, with the number of deaths registered in each.

Table No. 3 shows the prevalence of notifiable diseases for the last six years.

The cases of Scarlatina and Diphtheria were distributed in the district as follows :—

			Diphtheria.	Scarlatina.
Llanelly Rural	.....	.....	2	16
Pontyberem	.....	.....	1	2
Llangennech	.....	.....	—	7
Llanedy	.....	.....	—	10
Llannon	.....	.....	2	2
Pembrey	.....	.....	1	5
Total			6	42

The Council have an arrangement with the Emergency Laboratory, Carmarthen, and Beck Laboratory, Swansea, for the examination of specimens of Pathological interest and Bacteriological examination of swabs in a case of suspected Diphtheria and Widal's blood test in suspected cases of Typhoid. Swabs and Widal tubes are supplied to the Medical Practitioners in the District, who are instructed to send specimens immediately a suspicious case of these diseases arises, direct to the Laboratory. The result is usually obtained within 24 hours by wire to the Practitioner and the M.O.H. Diphtheria antitoxin is supplied gratuitously to all Medical Practitioners for necessitous cases occurring in the area. A quantity is always kept in stock by the Medical Officer of Health.

No use has been made of the Tests known as the Schick and Dick Tests in Diphtheria and Scarlet Fever respectively.

### IMMUNISATION AGAINST DIPHTHERIA.

Your Council are responsible for the immunisation of children of school age only, i.e., 5 years and upwards. The treatment of children under that age is under the control of the Carmarthenshire County Council.

The treatment of school children within your area has already been put into operation, and the work is proceeding methodically, each school being dealt with in rotation and according to schedule.

No (a) primary vaccinations, and (b) revaccinations have been performed by the Medical Officer of Health under the Public Health (Small Pox Prevention) Regulation, 1917.

Complete co-operation is being maintained with the School Medical Officers in regard to any outbreak of infectious diseases occurring in the area.

No other diseases, such as Anthrax or Rabies, were reported.

Facilities are available for the cleansing and disinfection of verminous persons and their belongings at the Workhouse Infirmary, Llanelly. Premises are disinfected and fumigated by your Sanitary Officers when necessary.

Table No. IV. shows the particulars of the incidence of notifiable diseases in the area during the year 1946.

Table No. VI. shows the particulars of new cases of Ophthalmia Neonatorum and Tuberculosis and of all deaths from the diseases in the area during 1946.

The ratio of non-notifiable tuberculosis deaths to total tuberculosis deaths is approximately 10 per cent., according to the records of the year 1946. Some of these were discovered on Post-Mortems, others were acute cases. No action has been taken to enforce the Tuberculosis Notification Order.

**Public Health (Prevention of Tuberculosis) Regulation, 1925.**—No legal action taken.

**Public Health Act, 1925. Section 62.**—No legal action taken.

I am, Gentlemen,

Your obedient Servant,

D. C. EVANS,  
M.R.C.S. (Eng.), L.R.C.P. (Lond.)



TABLE No. I.

Number of Notifiable Diseases recorded with the number of Deaths registered in each during the last 40 years.

Year.	Diphtheria.		Scarlatina.		Enteric Fever.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
1907	16	6	17	2	9	3
1908	4	1	27	1	5	0
1909	16	3	41	4	6	3
1910	22	8	29	0	5	0
1911	28	7	36	0	22	1
1912	25	3	119	2	10	3
1913	29	3	281	8	7	0
1914	40	9	298	9	3	0
1915	30	5	220	1	9	1
1916	22	5	95	2	8	4
1917	14	3	42	0	70	10
1918	25	3	34	2	9	2
1919	26	5	47	2	4	0
1920	50	5	45	1	4	0
1921	75	10	89	2	7	2
1922	97	7	40	0	5	2
1923	79	10	80	2	7	2
1924	64	7	144	2	9	3
1925	97	15	95	2	7	1
1926	73	3	58	0	1	0
1927	41	4	56	0	1	0
1928	94	5	62	0	3	0
1929	117	11	27	0	1	0
1930	79	7	57	0	0	0
1931	57	6	52	3	1	0
1932	52	2	14	0	3	0
1933	38	3	33	0	2	0
1934	45	2	82	0	1	0
1935	39	3	101	1	0	0
1936	110	4	68	0	0	0
1937	110	8	47	2	0	0
1938	41	6	41	0	1	0
1939	40	0	33	0	0	0
1940	39	1	21	0	0	0
1941	59	4	16	0	0	0
1942	22	3	21	0	0	0
1943	20	0	48	0	0	0
1944	32	1	75	0	0	0
1945	13	1	75	0	0	0
1946	6	0	42	0	0	0
Total	1886	189	2808	48	229	38



TABLE No. II.

## LLANELLY RURAL SANITARY DISTRICT.

Nett Deaths from stated causes at various ages arranged in Sexes for the Year ending December 31st, 1946.

Causes of Death.	All Ages.		Under 1 year.								1—2 years.	2—5 years.	5—15 years.	15—25 years.	25—35 years.	35—45 years.	45—55 years.	55—65 years.	65—75 years.	75 years and upwards.
	M.	F.																		
All Causes	248	188																		
Typhoid and Paratyphoid Fevers	M.	F.																		
Measles	M.	F.																		
Scarlet Fever	M.	F.																		
Whooping Cough	M.	F.																		
Diphtheria	M.	F.																		
Influenza	M.	F.																		
Encephalitis Lethargica	M.	F.																		
Cerebro Spinal Fever	M.	F.																		
Tuberculosis of respiratory system	M.	F.																		

TABLE No. II.—Continued.

Causes of Death.	All Ages.	Under 1 year.	1—2 years.	2—5 years.	5—15 years.	15—25 years.	25—35 years.	35—45 years.	45—55 years.	55—65 years.	65—75 years.	75 years and upwards.
Other Tuberculosis Diseases	M. 3	...	...	...	1	...	...	...	...	...	...	...
Syphilis	F. 3	...	...	...	...	...	...	...	...	...	...	...
Diabetes	M. 3	...	...	...	...	...	...	1	2	3	...	...
Intra-Cran Vasi-Lesions	F. 5	...	...	...	...	...	8	8	2	2	2	...
Heart Disease	M. 21	...	...	...	...	...	4	9	3	6	4	...
	F. 29	...	...	...	...	...	...	6	8	26	2	...
Other Circulatory Diseases	M. 53	...	...	...	...	...	5	14	17	11	2	...
	F. 1	...	...	...	...	...	...	1	21	...	...	...
Bronchitis	M. 15	...	...	...	...	...	...	...	...	2	...	...
	F. 8	...	...	...	...	4	1	4	1	...	...	1
Pneumonia (all forms)	M. 6	...	...	...	...	...	...	3	5	2	...	...
Other Respiratory Diseases	F. 11	...	...	...	...	...	...	2	2	3	2	1
	M. 29	...	...	...	...	...	...	3	2	10	5	1
Ulcer of Stomach or Duodenum	F. 4	...	...	...	...	...	...	7	6	1	...	...
	M. 1	...	...	...	...	...	...	...	2	1	...	...
Diarrhoea, etc. (under 2 years)	F. 2	2	...	...	...	...	...	...	...	...	...	...
	M. 1	1	...	...	...	...	...	...	...	...	...	...
Appendicitis	F. 1	...	...	...	...	...	...	...	1	...	...	...

TABLE No. II.—Continued.

Causes of Death.	All Ages.	Under 1 year.	1—2 years.	2—5 years.	5—15 years.	15—25 years.	25—35 years.	35—45 years.	45—55 years.	55—65 years.	65—75 years.	75 years and upwards.
Other Digestive Diseases .....	M. 2	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....
Acute and Chronic Nephritis .....	F. 4	.....	.....	.....	.....	.....	2	1	1	.....	.....	.....
Puerperal Sepsis and Post-Abortion .....	M. 4	.....	.....	.....	.....	.....	2	1	1	.....	.....	.....
Other Maternal Causes .....	F. 3	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
Premature Birth .....	M. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Congenital Malformation, Birth Injuries, etc.	F. 3	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Suicide .....	M. 11	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other Violence .....	F. 1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
All Other Causes .....	M. 12	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Road Traffic Accident .....	F. 2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cancer Buc. Cav. and Oesoph	M. 3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cancer of Uterus .....	F. 6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cancer of Breast .....	F. 3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cancer of Stomach and Duodenum	M. 28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cancer of Other Sites .....	F. 24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	M. 3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	M. 5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F. 3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	M. 25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F. 5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

**TABLE No. III.**

Table showing the number of Infectious Diseases notified during last six years.

Disease.	1941	1942	1943	1944	1945	1946
Measles .....	349	.....	337	99	384	34
Whooping Cough .....	65	70	8	102	16	51
Diphtheria .....	65	22	23	32	13	6
Scarlet Fever .....	19	21	48	75	75	42
Enteric Fever (including Paratyphoid) .....	4	.....	.....	.....	.....	2
Puerperal Pyrexia .....	3	1	5	1	2	2
Pneumonia .....	26	47	30	18	18	19
Other Diseases generally notifiable :—						
Erysipelas .....	3	2	2	.....	4	.....
Other Diseases notifiable locally :—						
Tuberculosis :—						
Pulmonary { Male .....	21	21	18	26	17	20
Female .....	15	17	18	16	7	15
Total .....	36	38	36	42	24	35
Non-Pulmonary { Male .....	5	4	1	4	1	3
Female .....	5	1	2	4	2	10
Total .....	10	5	3	8	3	13
Ophthalmia Neonatorum .....	.....	5	3	3	.....	.....
Acute Poliomyelitis .....	.....	.....	3	1	.....	.....
Cerebro Spinal Fever .....	22	24	6	.....	1	3

**TABLE No. IV.**

Notifiable Diseases during the year 1946.

Disease.	Total Cases Notified.	Cases Admitted to Hospital.	Total Deaths.
Diphtheria .....	6	6	.....
Scarlet Fever .....	42	42	.....
Enteric Fever (including Paratyphoid) .....	2	1	.....
Puerperal Pyrexia .....	2	2	.....
Other Puerperal Causes .....	.....	.....	.....
Pneumonia .....	19	14	17
Other Diseases generally notifiable :—			.....
Erysipelas .....	.....	.....	.....
Polio-Encephalitis .....	.....	.....	.....
Other Diseases notifiable locally :—			
Tuberculosis :—			
Pulmonary { Male .....	20	12	13
Female .....	15	11	7
Total .....	35	23	20
Non-Pulmonary { Male .....	3	2	.....
Female .....	10	8	.....
Total .....	13	10	.....
Ophthalmia Neonatorum .....	.....	.....	.....
Cerebro Spinal Fever .....	3	3	1
Acute Poliomyelitis .....	.....	.....	.....
Measles .....	34	.....	.....
Whooping Cough .....	51	.....	1



TABLE No. VI.

## TUBERCULOSIS.

Age Periods.	Deaths Reported.				New Cases Reported.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
0	.....	.....	.....	.....	.....	.....	.....	.....
1	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	1	.....	2	4
10	.....	.....	.....	.....	2	4	.....	.....
15	.....	.....	.....	.....	3	.....	.....	.....
20	1	2	.....	.....	.....	4	1	2
25	3	1	.....	.....	7	5	.....	2
35	1	3	.....	.....	4	1	.....	2
45	2	.....	.....	.....	.....	1	.....	.....
55	4	1	.....	.....	3	.....	.....	.....
65 and upwards	2	.....	.....	.....	.....	.....	.....	.....
	13	7	.....	.....	20	15	3	10

## OPHTHALMIA NEONATORUM.

Ophthalmia Neonatorum.	Cases.			Vision Un- Impaired	Vision Impaired	Total Blind- ness.	Deaths
	Notified.	Treated.					
		At Home.	In Hospital.				
	—	—	—	—	—	—	—

TABLE No. VII.

## LLANELLY RURAL SANITARY AUTHORITY.

Cases of Infectious Diseases notified during the year 1946.

Notifiable Disease.	Number of Cases Notified.
Measles .....	34
Small-pox .....	—
Cholera (C.), Plague (P.) .....	—
Diphtheria (including Membraneous Croup) .....	6
Erysipelas .....	1
Scarlet Fever .....	42
Typhus Fever .....	—
Enteric Fever .....	—
Relapsing Fever (R) .....	—
Continued (C) .....	—
Puerperal Pyrexia .....	2
Cerebro-Meningitis .....	3
Polio-Myelitis .....	—
Polio-Encephalitis .....	—
Ophthalmia Neonatorum .....	—
Pulmonary Tuberculosis .....	—
Other Forms of Tuberculosis .....	—
Pneumonia .....	19
Dysentery .....	—
Malaria .....	—
Encephalitis Lethargica .....	—
Whooping Cough .....	51
<b>Total</b> .....	<b>158</b>

TABLE No. VIII.

## LLANELLY RURAL SANITARY AUTHORITY.

Infant Mortality.

Nett Deaths from stated causes of various ages under 1 year of age during 1946.

Causes of Death.	No. of Deaths.
Whooping Cough .....	1
Diarrhoea .....	3
Congenital Malformation, etc. ....	14
Enteritis .....	—
Pneumonia .....	—
Premature Birth .....	12
All other Causes .....	3
<b>Total</b> .....	<b>33</b>

**TABLE No. X.**  
**LLANELLY RURAL SANITARY DISTRICT.**

Causes of Death for the past ten years.

	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946
Cancer.....	54	58	42	57	61	43	49	52	49	51
Scarlet Fever .....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria, including Mem- braneous Croup .....	8	6	.....	1	4	3	.....	1	1	.....
Typhoid Fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Puerperal Fever.....	1	.....	.....	1	2	.....	.....	3	.....	3
Erysipelas .....	.....	1	1	.....	.....	.....	.....	.....	.....	.....
Measles .....	3	.....	.....	.....	3	.....	1	.....	.....	.....
Whooping Cough .....	1	.....	1	.....	2	3	.....	3	.....	1
Diarrhoea and Dysentery .....	.....	3	4	1	.....	.....	.....	1	1	3
Rheumatic Fever .....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Phthisis .....	25	21	21	35	23	31	20	28	24	23
Bronchitis and Pneumonia .....	32	27	25	55	42	34	47	26	34	40
Heart Disease .....	91	110	127	82	87	90	113	138	108	158
Injuries .....	19	16	20	30	21	12	14	20	7	9
All other Causes .....	171	154	200	176	204	209	188	152	163	148
<b>Total .....</b>	<b>410</b>	<b>396</b>	<b>441</b>	<b>438</b>	<b>449</b>	<b>425</b>	<b>432</b>	<b>424</b>	<b>387</b>	<b>436</b>

**TABLE No. XIII.**

Occupied Dwelling Houses in the Llanelly Rural District for the year ending 31st December, 1946 :—

	Dwelling Houses.	Public Houses.	Farms	Total.
<b>Llanelly Rural Parish.</b>				
Glyn Ward .....	368	4	66	438
Hengoed Ward .....	846	9	53	908
Westfa Ward .....	1342	7	40	1389
Berwick Ward .....	1024	10	36	1070
<b>Llannon Parish .....</b>	<b>1037</b>	<b>10</b>	<b>141</b>	<b>1188</b>
<b>Pembrey Parish.</b>				
Pembrey Ward .....	377	7	33	417
Pwll Ward .....	368	5	17	390
Trimsaran Ward .....	533	7	65	605
<b>Llangennech Parish .....</b>	<b>629</b>	<b>9</b>	<b>28</b>	<b>666</b>
<b>Llanedy Parish.</b>				
Hendy Ward .....	557	9	41	607
Tycroes Ward .....	384	2	49	435
<b>Pontyberem Parish .....</b>	<b>672</b>	<b>6</b>	<b>49</b>	<b>727</b>
	<b>8137</b>	<b>85</b>	<b>618</b>	<b>8840</b>

# LLANELLY RURAL DISTRICT COUNCIL.

Castle Buildings,

Llanelly.

Plans approved for the year 1946 are as follows :—

Parish.	New Houses.	Additional Alterations.	Other Buildings.
Llanelly .....	18	3	16
Llanedy .....	—	1	4
Pembrey .....	1	2	1
Llannon .....	2	1	6
Llangennech .....	—	1	1
Pontyberem .....	—	—	2
	<hr/> 21	<hr/> 8	<hr/> 30

W. T. DAVIES,

Surveyor.

Buildings completed and Certificates of Completion for the above period as follows :—

	New Houses.	Additions and Alterations.	Other Buildings.
Llanelly .....	18	1	13
Llanedy .....	—	2	4
Pembrey .....	—	1	7
Llannon .....	1	1	6
Llangennech .....	—	—	3
Pontyberem .....	—	1	6
	<hr/> 19	<hr/> 6	<hr/> 39

W. T. DAVIES,

Surveyor





